

EARTH SCIENCE

University of Northern Iowa College of Humanities, Arts & Sciences

<https://earth.uni.edu/>

ABOUT THE MAJOR

Earth science or geoscience includes all fields of natural science related to the planet Earth. This is a branch of science dealing with the physical constitution of the Earth and its atmosphere. Earth science is the study of our planet's physical characteristics, from earthquakes to raindrops, and floods to fossils. Students in this department can choose from five major curricular areas: geology, astronomy, meteorology, environmental science, and earth science education.

SAMPLE COURSEWORK

General Chemistry I	Astronomy
Earth History	General Physics I
Elements of Weather	Introduction to Geology
Precalculus	Geology, Astronomy, or Meteorology Electives

POSSIBLE CAREERS *some titles may require further education

Geologist	Soil Scientist	Seismologist	Professor
Meteorologist	Paleontologist	Hydrologist	Environmental Consultant
Astrologist	Geophysicist	Oceanographer	Urban Planner
Mineralogist	Volcanologist	Researcher	Resource Manager

UNI GRADUATES: WHERE ARE THEY NOW?

- National Park Service
- Geologic Mapping and Resource Evaluation, Inc.
- Energy and Environmental Research Center
- Mitacs
- BP
- ADP
- ION Geophysical
- Chesapeake Energy
- University of Northern Iowa
- Cedar Falls Community School District
- AmeriCorps
- Weaver Consultants Group
- TestAmerica
- Aerial Services, Inc.



SKILLS NEEDED

- Attention to detail
- Ability to work independently
- Ability to gather, assess, and interpret data
- Writing skills
- Speaking and listening skills
- Problem-solving skills
- Critical thinking skills

HOLLAND CODES

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